

# **Assessing the Diffusion and Impact of Grey Literature Published by International Intergovernmental Scientific Groups: *The Case of the Gulf of Maine Council on the Marine Environment***

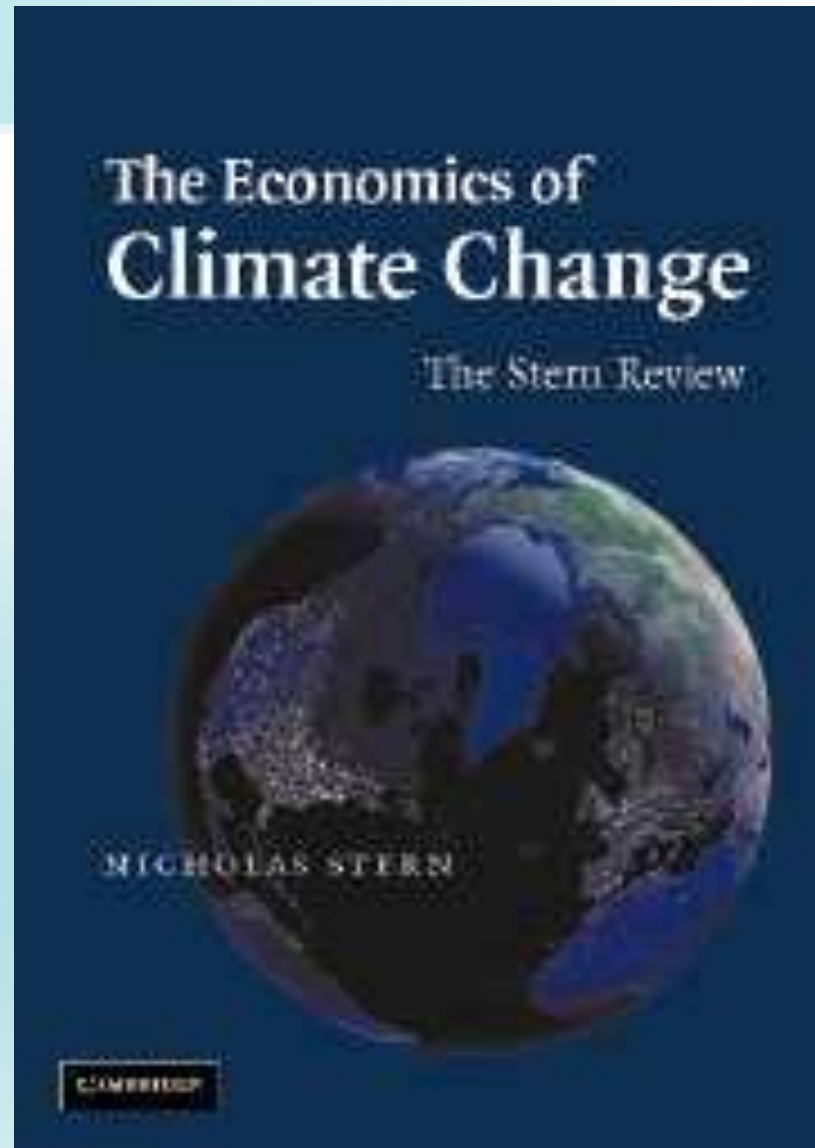


**Bertrum H. MacDonald**  
**Ruth E. Cordes**  
**Peter G. Wells**  
***Dalhousie University, Halifax, Nova Scotia***

**Eighth International Conference on Grey Literature**  
**New Orleans**

**5<sup>th</sup> December 2006**

**The Economics of  
Climate Change:  
The Stern Review  
(October 2006)**





MILLENNIUM ECOSYSTEM ASSESSMENT

2005 -

## LIVING BEYOND OUR MEANS



### NATURAL ASSETS AND HUMAN WELL-BEING

*Statement from the Board*



MILLENNIUM ECOSYSTEM ASSESSMENT



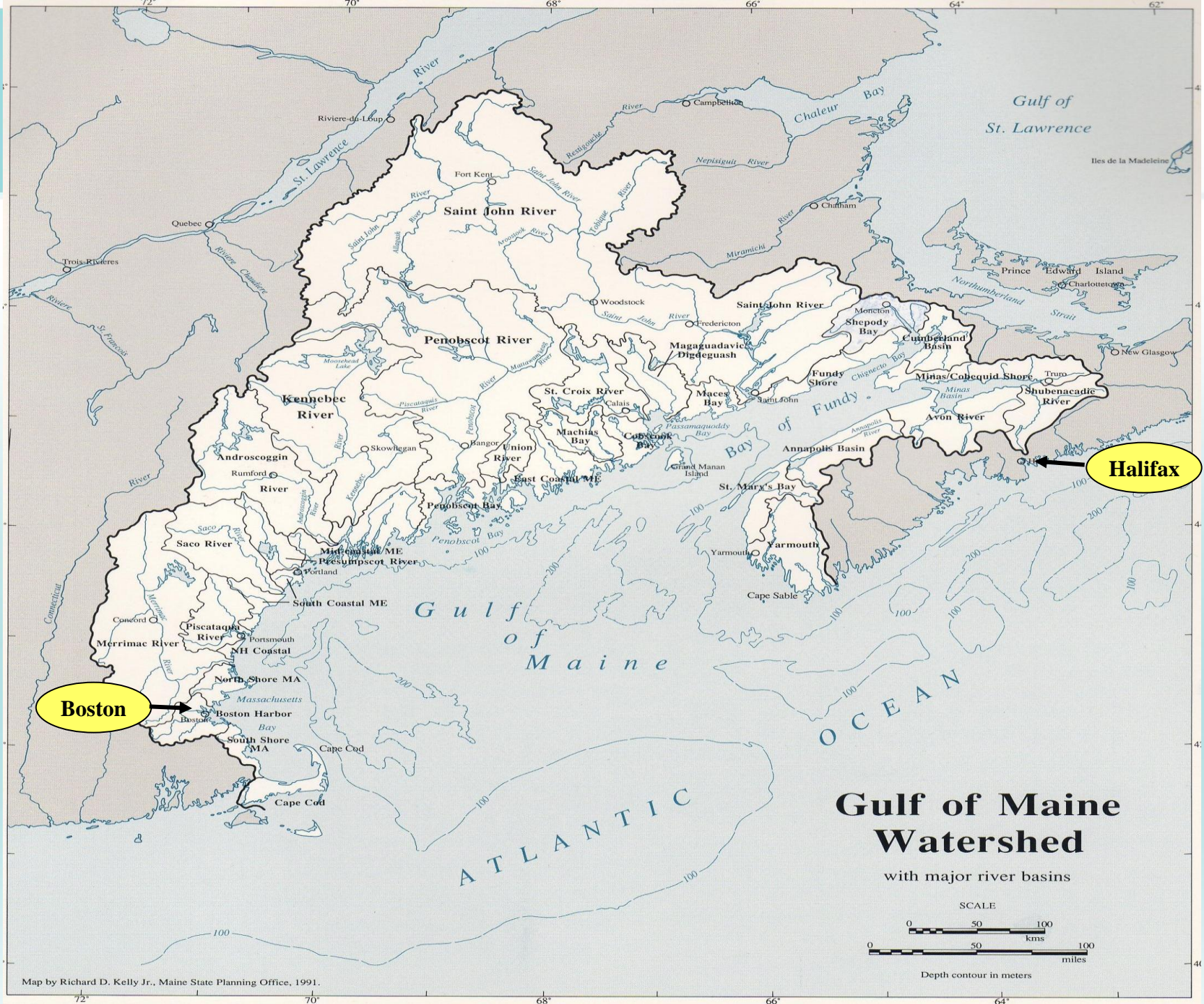
## ECOSYSTEMS AND HUMAN WELL-BEING

*Synthesis*

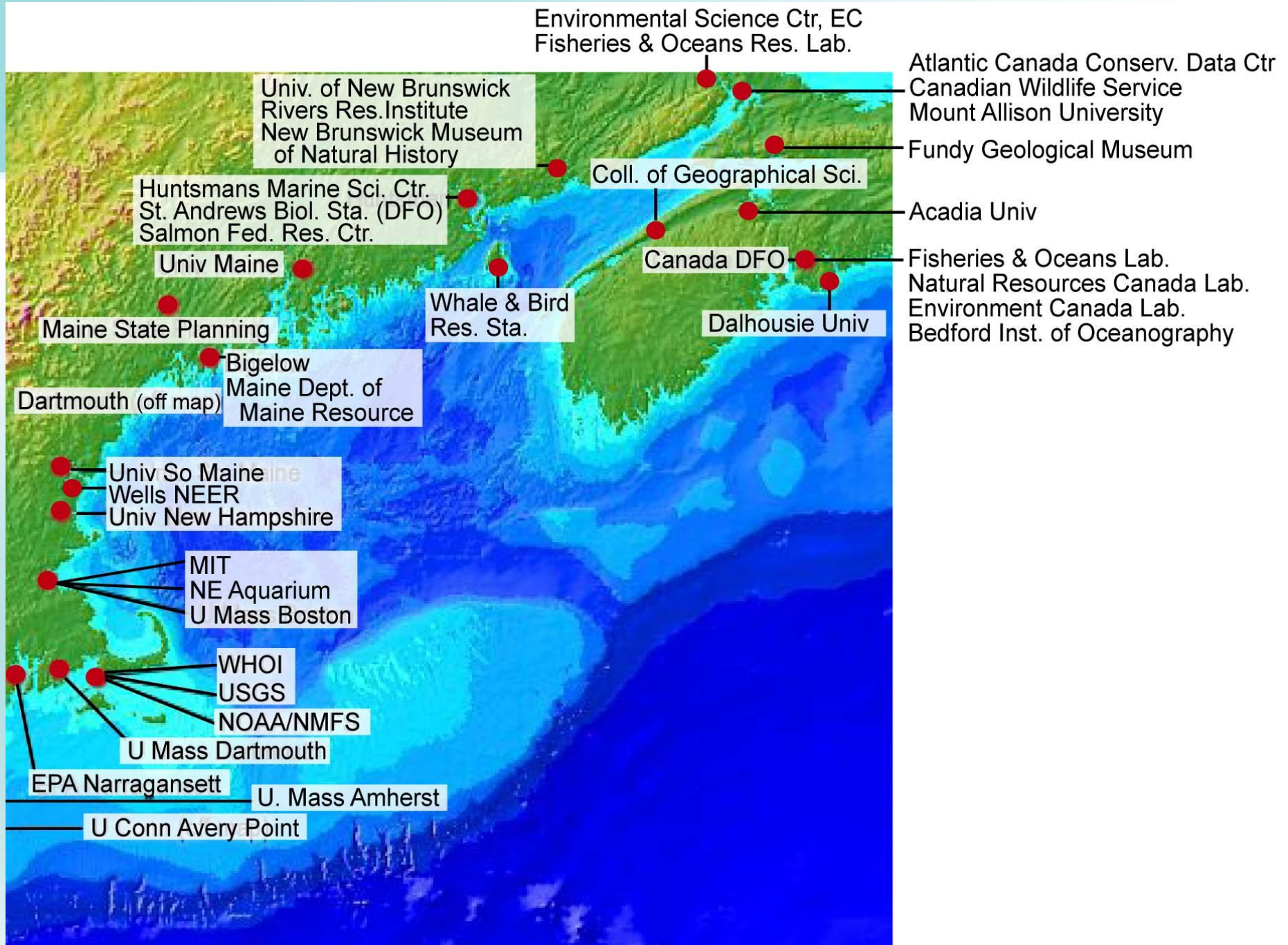


MILLENNIUM ECOSYSTEM ASSESSMENT









Promoting Cooperation  
to Maintain and Enhance  
Environmental Quality

# Gulf of Maine Times

FALL 2006

VOLUME 10, NUMBER 3

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## When it comes to invasives, who to turn to?

### A profile of James Carlton

By Lori Valigra

WHEN James Carlton was 14 years old, he discovered a clump of worm tubes on the beach of Lake Merritt near his home in San Francisco Bay. He was so fascinated by the worms, which he later learned were native to the South Seas, that he spent years surveying the entire lake for plant and animal life. More than four decades later, Carlton is a renowned marine ecologist and evolutionary biogeographer (the study of how species get to where they are located) who directs his keen eyes toward invasive species in local waters. He also watches for something that is perhaps more difficult to detect: the extinction of species.



James Carlton has made investigating invasive species his life's work.

PHOTOS © MYSTIC SEAPORT



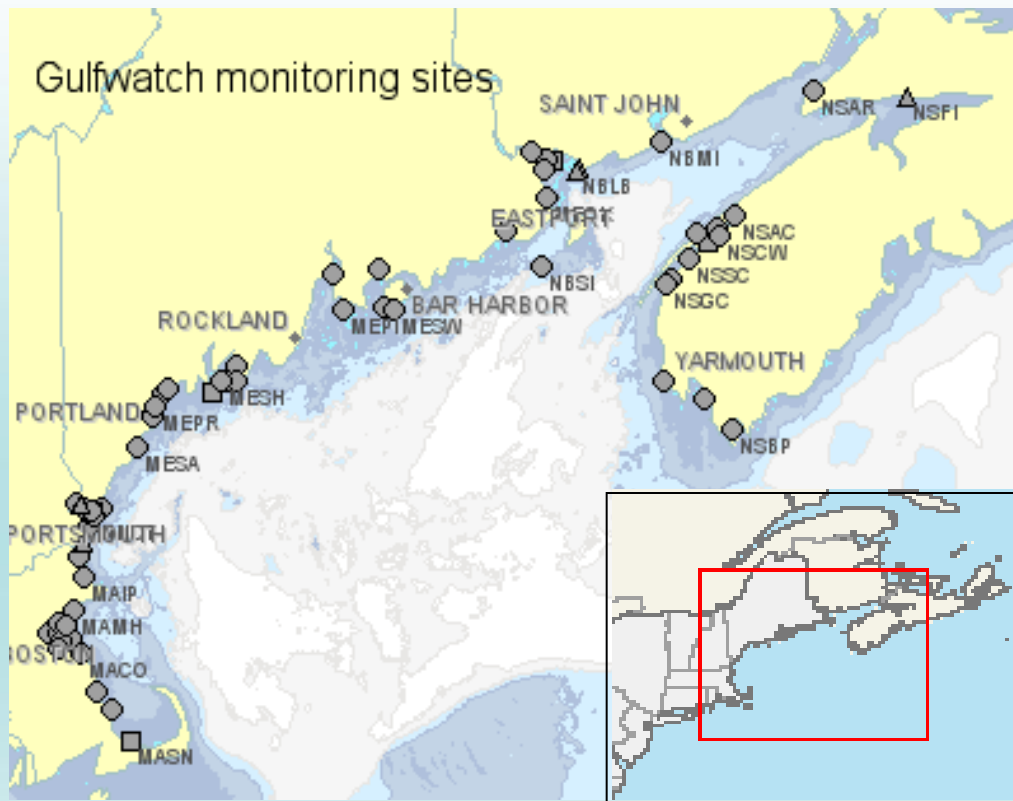
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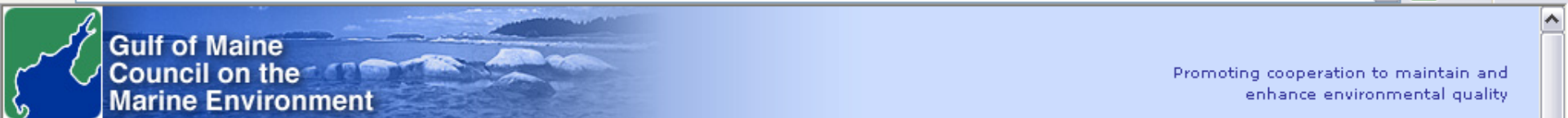
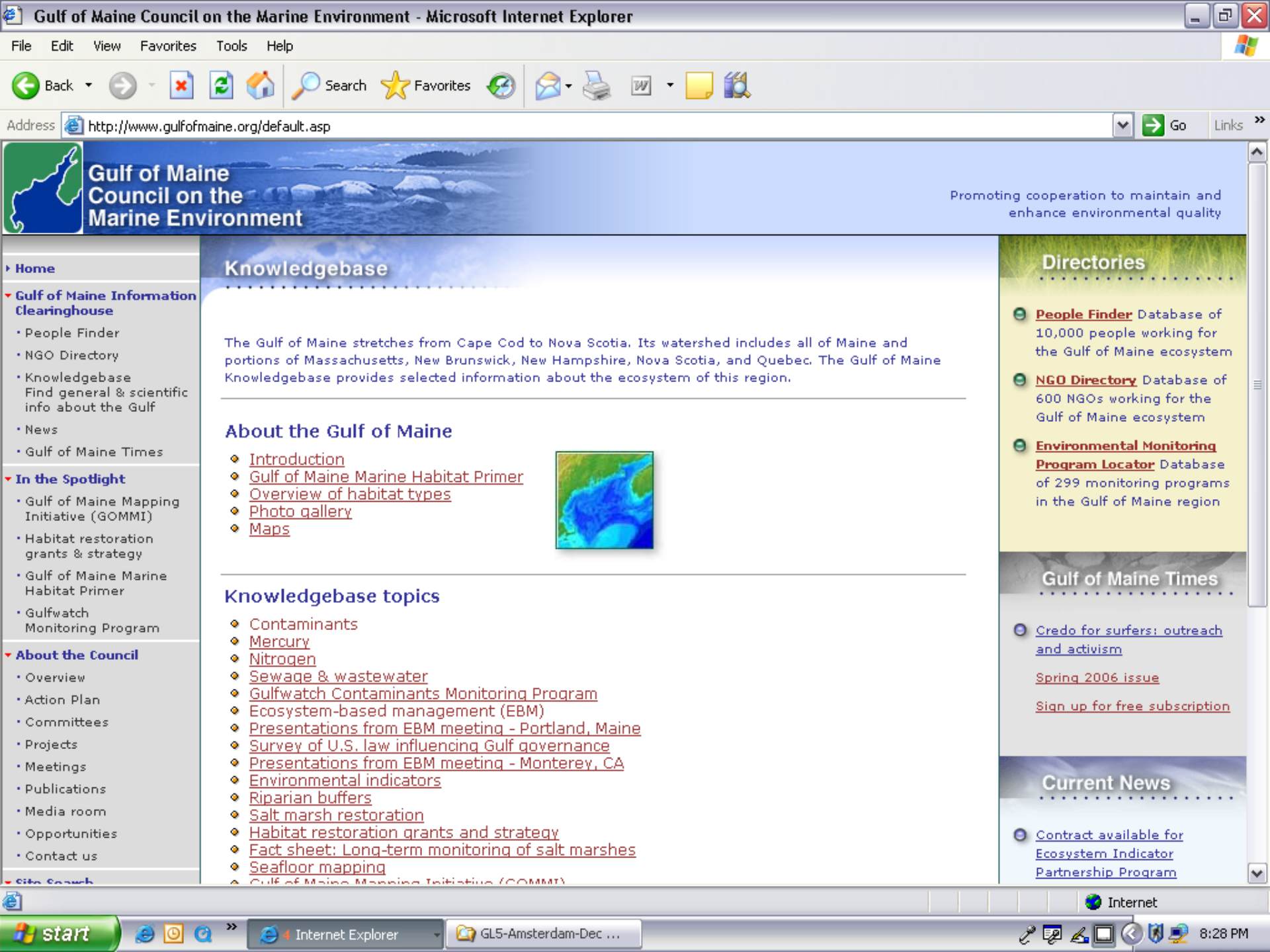


# GOMC Gulfwatch Program



**International monitoring program of contaminants**

**Indicator species — blue mussels (*Mytilus edulis*) collected, each fall, from intertidal areas in coastal embayments**



Promoting cooperation to maintain and enhance environmental quality

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## Knowledgebase

The Gulf of Maine stretches from Cape Cod to Nova Scotia. Its watershed includes all of Maine and portions of Massachusetts, New Brunswick, New Hampshire, Nova Scotia, and Quebec. The Gulf of Maine Knowledgebase provides selected information about the ecosystem of this region.

### About the Gulf of Maine

- Introduction
- Gulf of Maine Marine Habitat Primer
- Overview of habitat types
- Photo gallery
- Maps



### Knowledgebase topics

- Contaminants
  - Mercury
  - Nitrogen
  - Sewage & wastewater
- Gulfwatch Contaminants Monitoring Program
- Ecosystem-based management (EBM)
- Presentations from EBM meeting - Portland, Maine
- Survey of U.S. law influencing Gulf governance
- Presentations from EBM meeting - Monterey, CA
- Environmental indicators
- Riparian buffers
- Salt marsh restoration
- Habitat restoration grants and strategy
- Fact sheet: Long-term monitoring of salt marshes
- Seafloor mapping
- Gulf of Maine Mapping Initiative (GOMMI)

## Directories

- People Finder Database of 10,000 people working for the Gulf of Maine ecosystem
- NGO Directory Database of 600 NGOs working for the Gulf of Maine ecosystem
- Environmental Monitoring Program Locator Database of 299 monitoring programs in the Gulf of Maine region

## Gulf of Maine Times

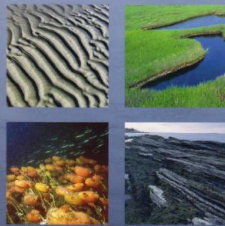
- Credo for surfers: outreach and activism
- Spring 2006 issue
- Sign up for free subscription

## Current News

- Contract available for Ecosystem Indicator Partnership Program



## Gulf of Maine Marine Habitat Primer



Gulf of Maine Council on  the Marine Environment

## TIDES OF CHANGE ACROSS THE GULF

*An Environmental Report on the  
Gulf of Maine and Bay of Fundy*



Prepared for the Gulf of Maine Summit: Committing to Change,  
Fairmont Algonquin Hotel, St. Andrews, New Brunswick, Canada,  
October 26-29th, 2004

Editors:

**Gerald G. Pesch**

*United States Environmental Protection Agency, ORD/NHEERL/AED, Narragansett,  
Rhode Island*

**Peter G. Wells**

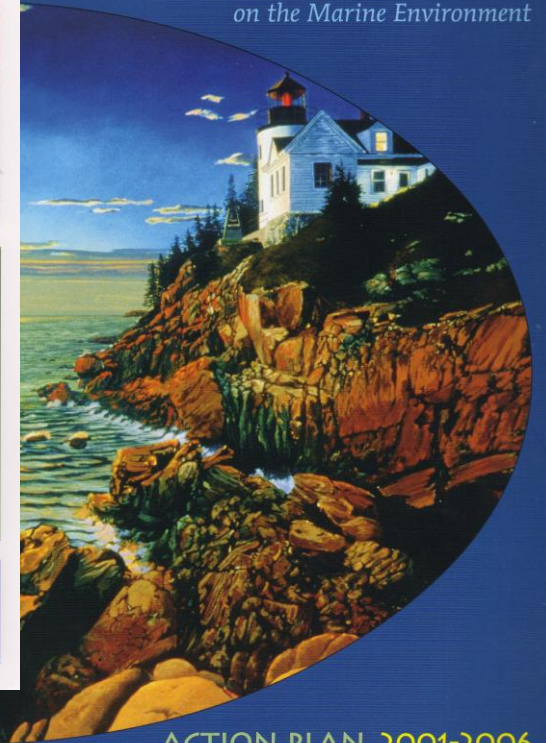
*Environmental Conservation Branch, Environment Canada, Dartmouth, Nova Scotia*

Published by:

*Gulf of Maine Council on the Marine Environment and Global Programme of Action Coalition for the Gulf of Maine*



## Gulf of Maine Council on the Marine Environment



**ACTION PLAN 2001-2006**



## Gulf of Maine Council on the Marine Environment

Promoting cooperation to maintain and enhance environmental quality

### Home

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- NGO Directory
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Find general & scientific info about the Gulf
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- Habitat restoration grants & strategy
- Gulf of Maine Marine Habitat Primer
- Gulfwatch Monitoring Program

### About the Council

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### Publications

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## About the Council > Publications

### Selected recent publications produced or sponsored by the Council

- [A survey and synthesis of significant U.S. law and priorities influencing governance in the Gulf of Maine region](#) (PDF, 678 KB)  
[Appendix A](#) (PDF, 104 KB)  
[Appendix B](#) (PDF, 72 KB)  
[Appendix C](#) (PDF, 150 KB)  
 by John R. Coon, University of New Hampshire (November 1, 2005)
- [Salt marshes of the Gulf of Maine: Long-term monitoring to assess human impacts and ecological condition](#)
- [Gulf of Maine marine habitat primer](#)
- Documents from the [Gulf of Maine Summit](#)
  - Tides of change across the Gulf: An environmental report on the Gulf of Maine and Bay of Fundy  
[Main document](#) (PDF, 5.3 MB)  
[Appendix 1](#): The Gulf of Maine Summit State of the Environment Reporting From the Bottom Up. Summary Reports and Matrices From United States and Canadian Regional Forums and Meetings (PDF, 2.4 MB). *Note: This is the complete Appendix 1 with U.S. and Canadian reports. The version on the Summit CD had only the U.S. reports.*  
[Appendix 2](#): Information about organizations and projects around the Gulf of Maine (PDF, 750 KB)
  - [Regional ecosystem indicators for the Gulf of Maine \(pre-Summit draft\): Fisheries, contaminants, and coastal development](#) (PDF, 1.5 MB)
- [Gulf of Maine science to management: Establishing research priorities in the Gulf of Maine](#) (PDF, 311 KB)
- [Seeking comments on habitat change and land use research priorities \(preliminary release\)](#) (PDF, 63 KB)
- [User needs assessment for the Gulf of Maine Mapping Initiative \(final version\)](#) (PDF, 2.7 MB)
- [Gulf of Maine habitat restoration strategy](#) (PDF, 903 KB)
- [A survey of coastal managers' science and technology needs prompts a retrospective look at science-based management in the Gulf of Maine](#) (PDF, 303 KB)
- Improving links between science and coastal management: A survey to assess science and technology needs in the Gulf of Maine  
[Part 1](#) (PDF, 108 KB) [Part 2](#) (PDF, 160 KB)



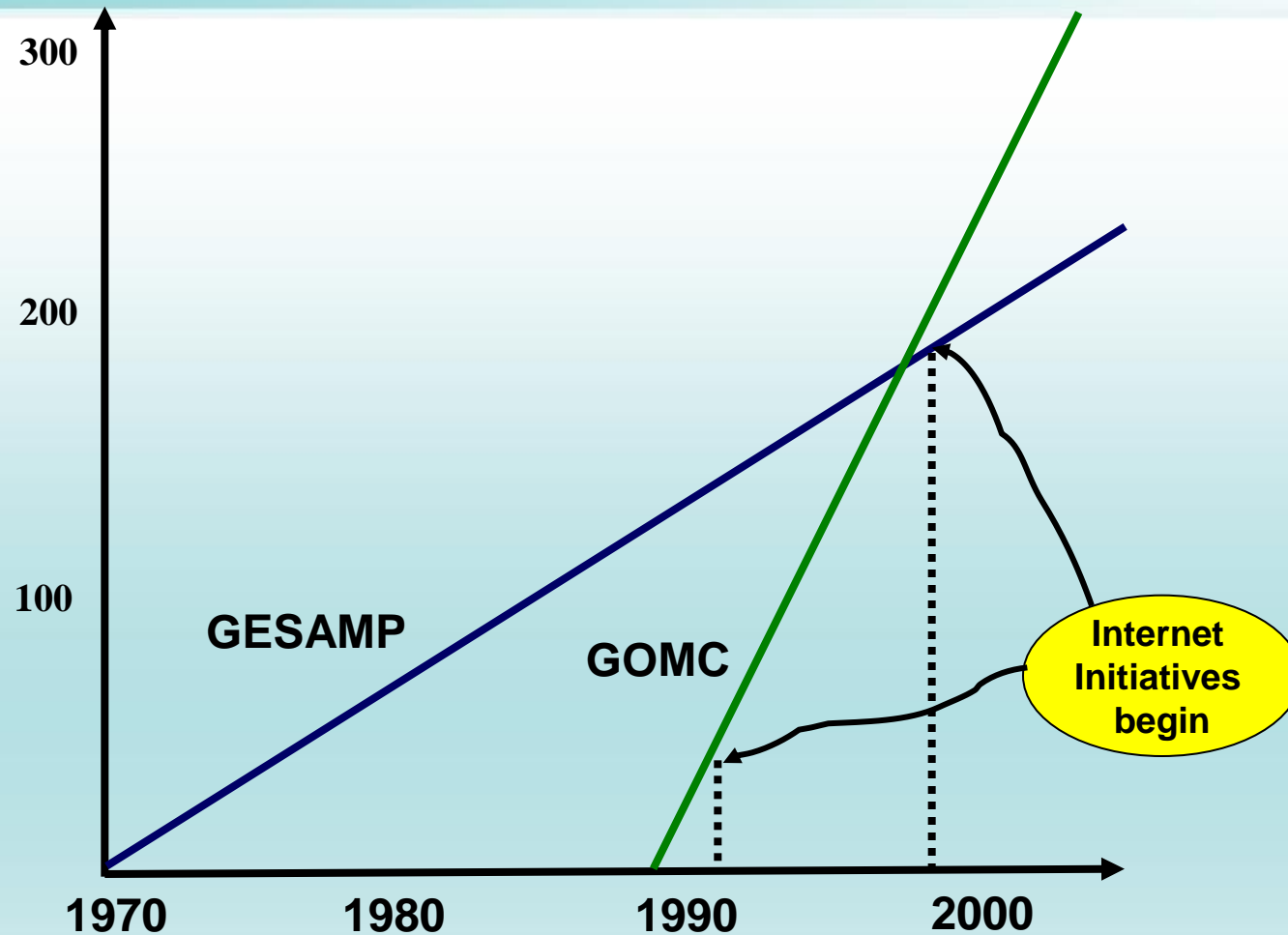


# GOMC Publications – (Total 312)\*

<b>Council Publications</b>	
Reports and fact sheets	122
Background documents	38
Action plans and annual reports	29
Brochures and posters	10
Serials	4
Miscellaneous	9
<b>Council-supported publications</b>	
Reports and background documents	24
Miscellaneous documents	25
<b>Reprints of Council authored documents</b>	<b>14</b>
<b>Conference papers, journal articles and abstracts</b>	<b>37</b>

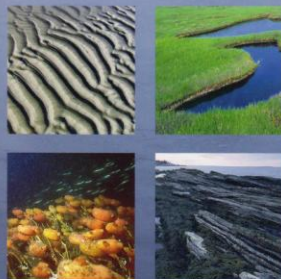
\* As of 15 November 2006


# Cumulative Rise in Publications of GESAMP & GOMC





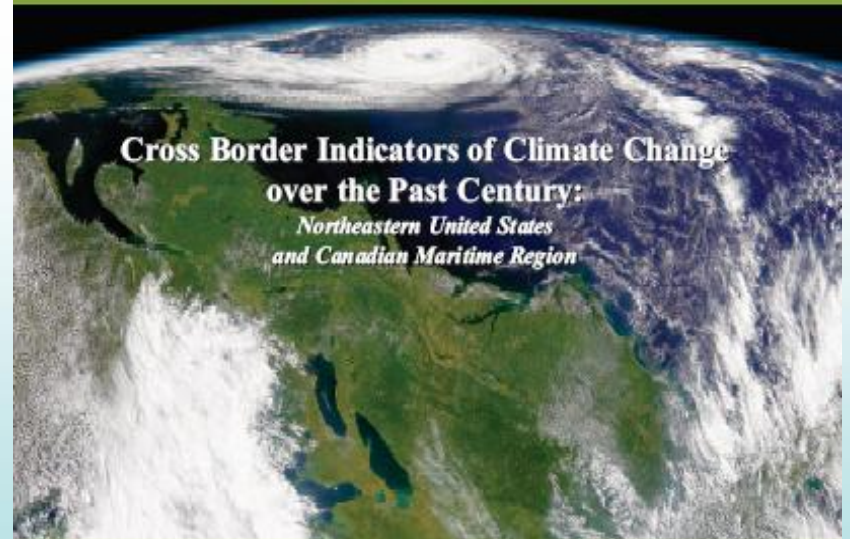
# Gulf of Maine Marine Habitat Primer



Gulf of Maine Council on  the Marine Environment

Published in print, 2005

# Cross Border Indicators of Climate Change over the Past Century: *Northeastern United States and Canadian Maritime Region*



The Climate Change Task Force of the Gulf of Maine Council on the Marine Environment in cooperation with Environment Canada and Clean Air-Cool Planet

Published online, 2006

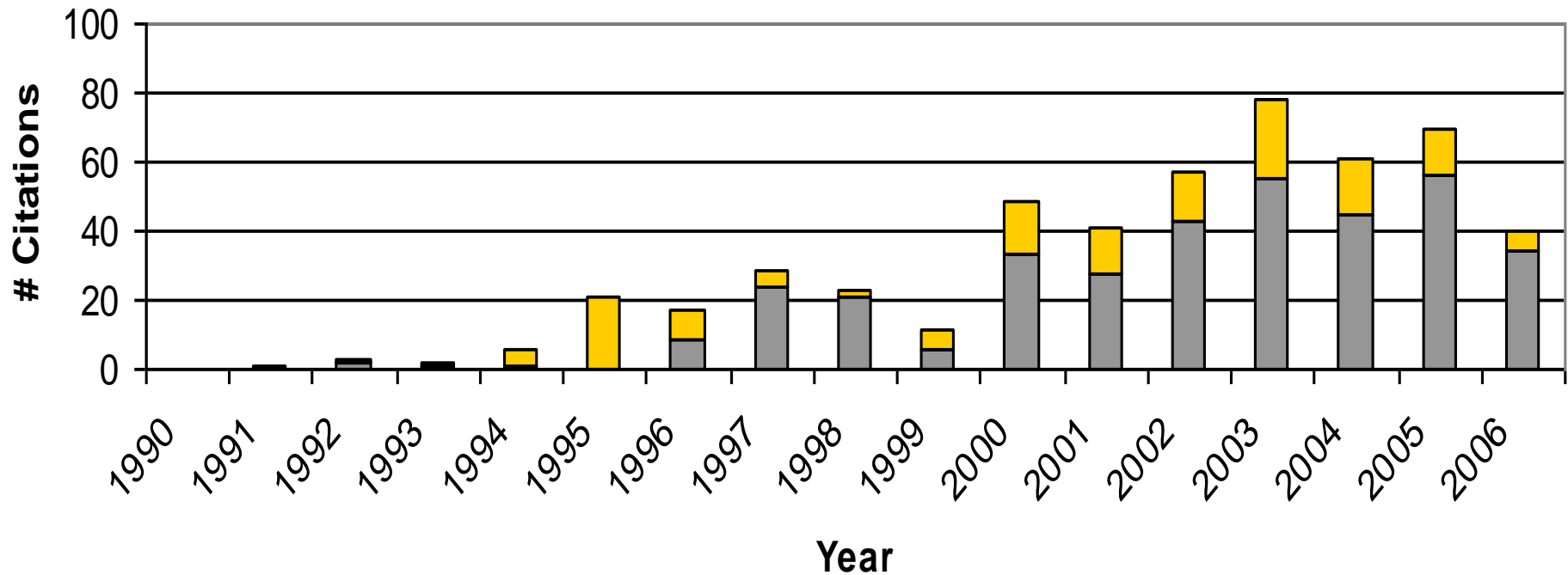
# Citations to GOMC Publications

	Online	Print
Gulf of Maine Region	151	164
United States (outside Gulf region)	61	30
Canada (outside of Gulf region)	24	35
Europe	23	1
Rest of world	13	7
<b>Total</b>	<b>272</b>	<b>237</b>



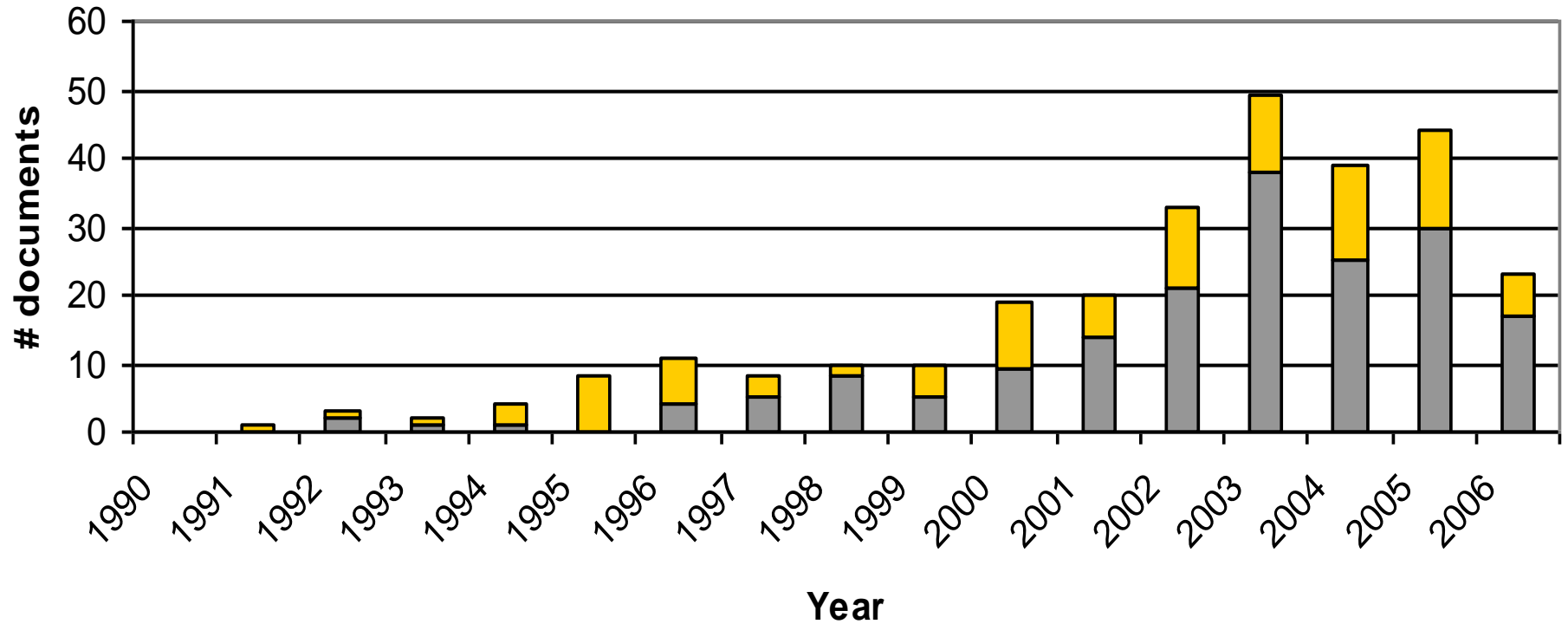
## 509 Citations to GOMC Publications, 1990-2006

■ citations in grey literature [n=358] ■ citations in journals and books [n=151]



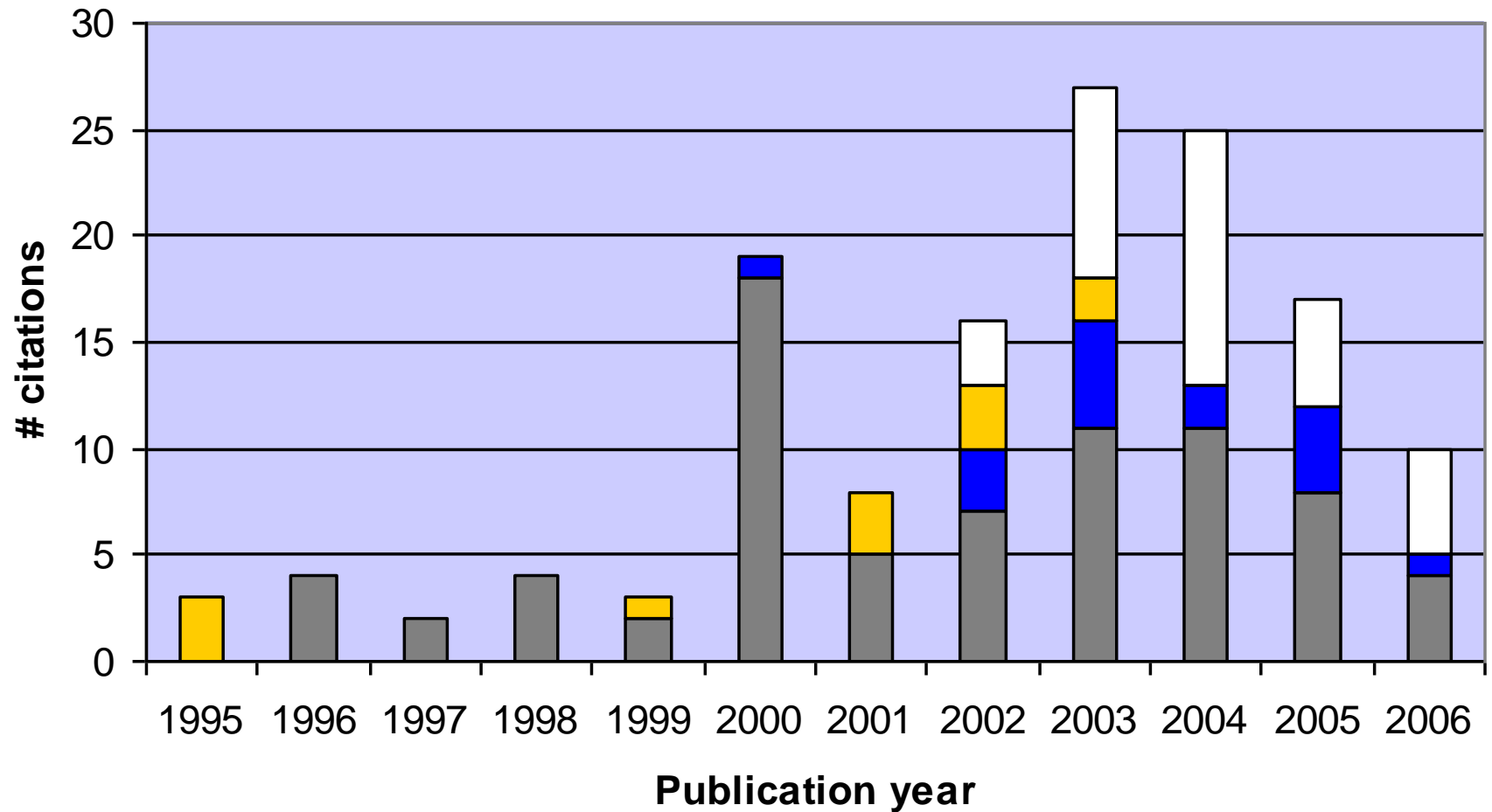
## 284 Documents Cite GOMC Publications, 1990-2006

■ grey documents [n=180] ■ journals and books [n=104]



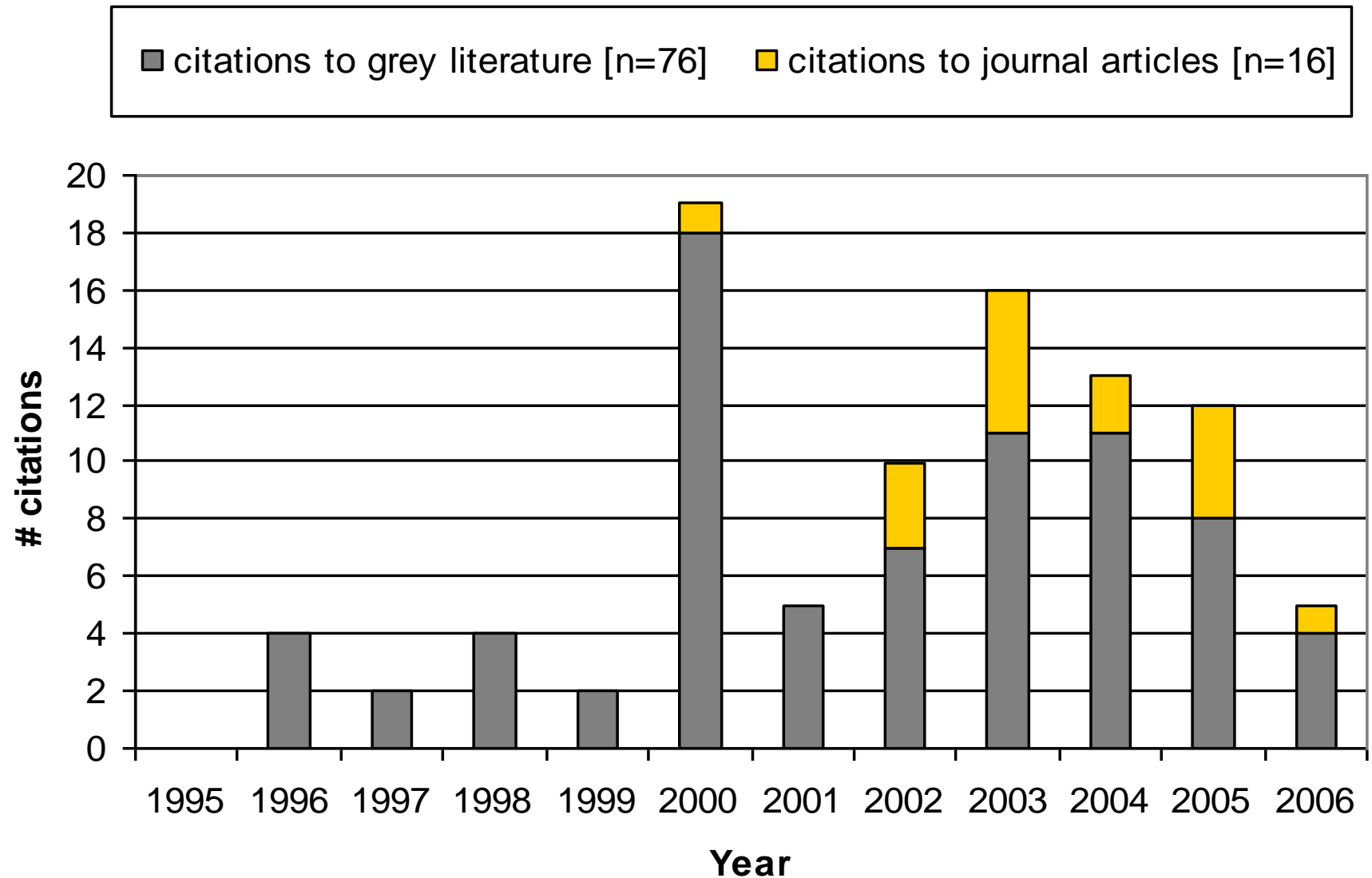
## Citations to GOMC Gulfwatch publications

■ grey cites grey ■ grey cites white ■ White cites grey □ white cites white

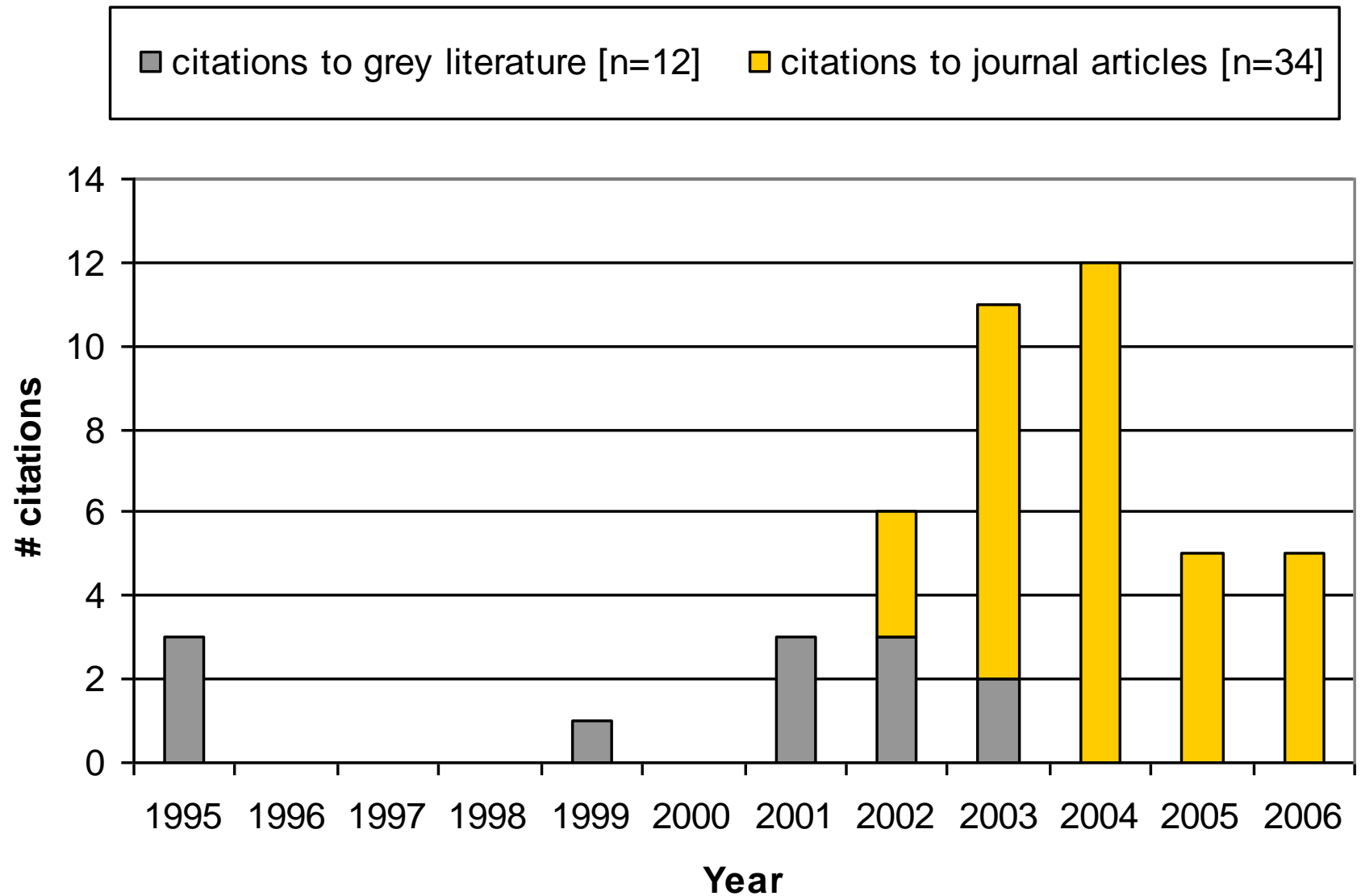




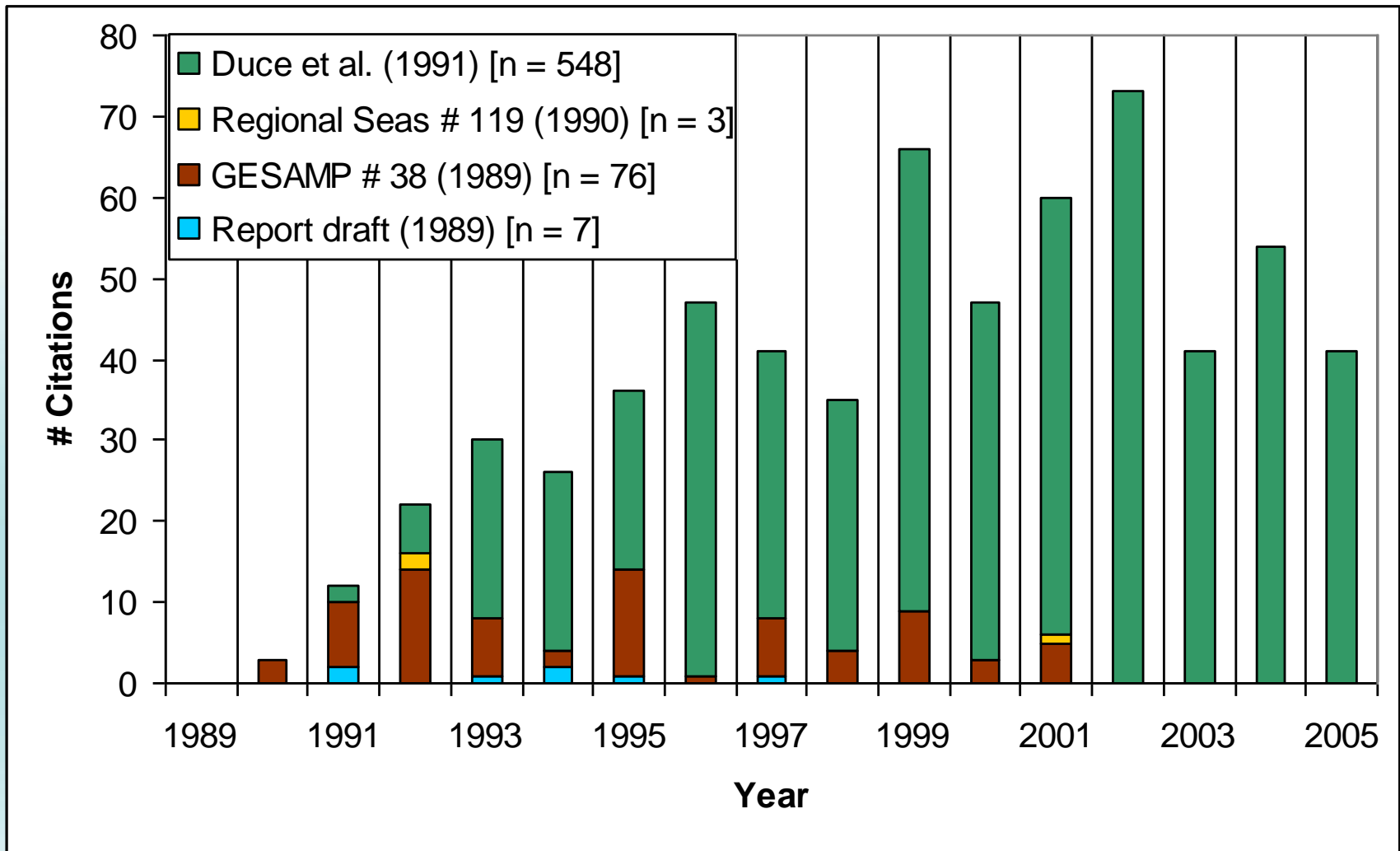
## GOMC Gulfwatch: 92 Citations in Grey Literature



## GOMC Gulfwatch: 46 Citations in journals



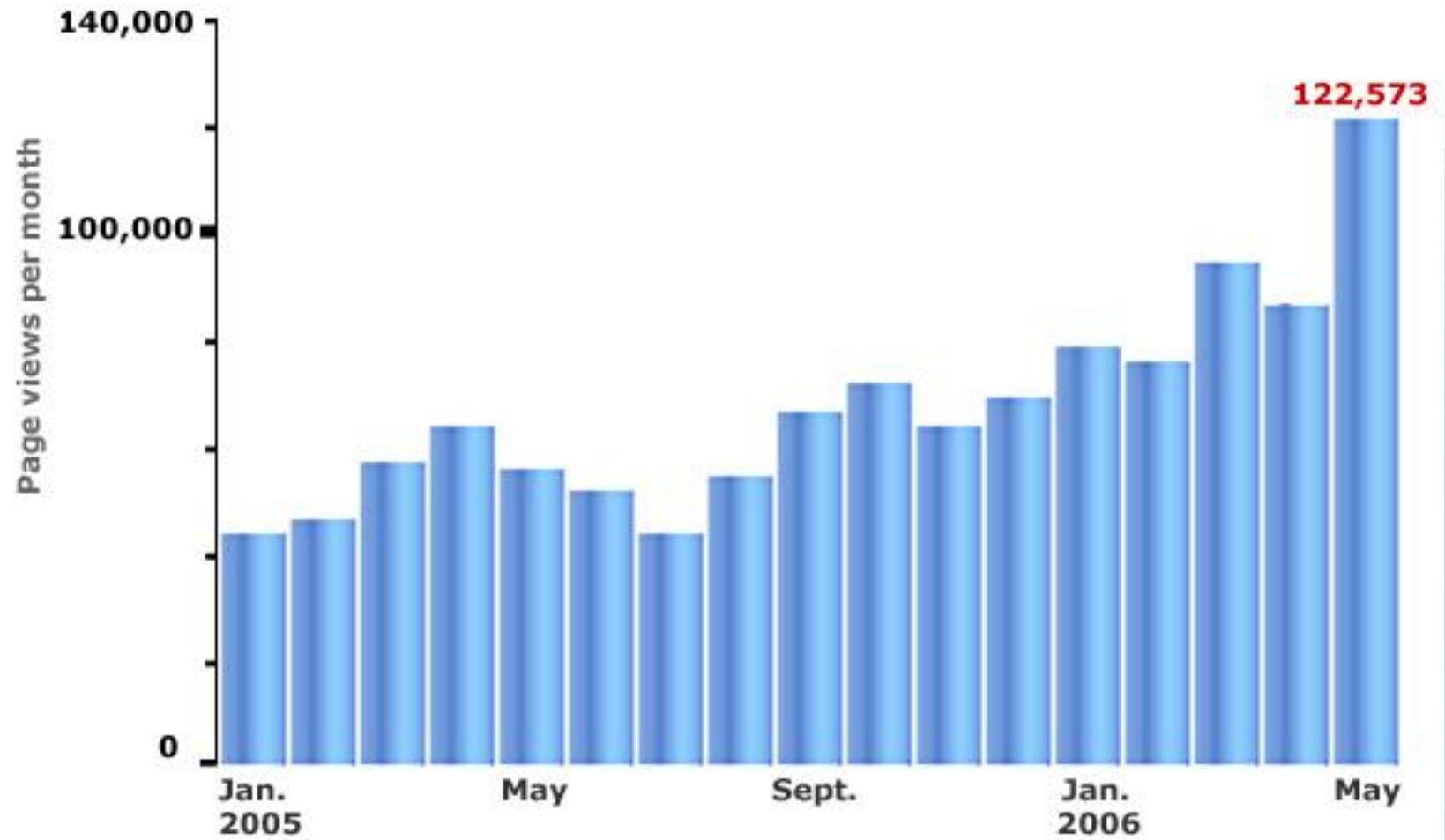
# Citations to Versions of *The Atmospheric Input of Trace Species to the World's Oceans* (GESAMP Report)

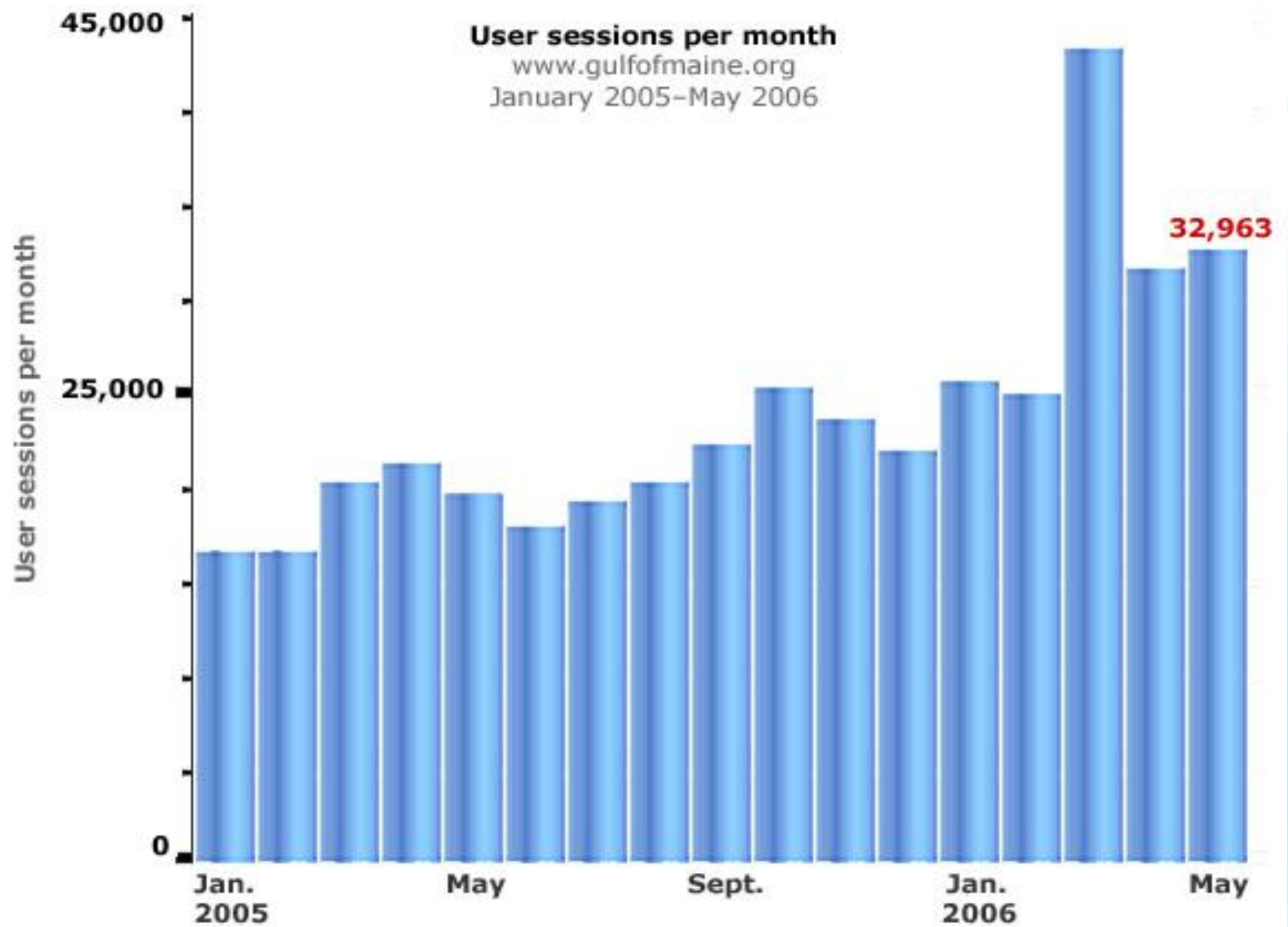




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